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[PDF] An **interval** classifier for database mining applications
R Agrawal, S Ghosh, T Imielinski, B Iyer, A ... - Proceedings of the ..., 1992 - Citeseer
... The winning group of the parent node is made the winner group in this empty **interval**. ... basic idea
is that each node inherits from its parent a certain number of **lookahead** credits. ... frequency of the
win- ning group, dividing this sum by the total frequency, and **subtracting** this ratio ...
Cited by 328 - Related articles - View as HTML - BL Direct - All 11 versions

[PDF] A processor for staggered **interval** arithmetic
MJ Schulte, EE Swartzlander Jr - Proceedings of the 1995 ..., 1995 - mesa.ece.wisc.edu
... significant to least significant), and the remaining two registers store the standard **interval**
endpoints, with ... of a 53-bit by 12~bit rectangular multiplier, a 64 bit carry- **lookahead** adder, an ...
They can also multiply two floating point numbers, and add (**subtract**) a floating point number ...
Cited by 8 - Related articles - All 10 versions

Hardware design and arithmetic algorithms for a variable-precision, **interval** arithmetic coprocessor
MJ Schulte, EE Swartzlander Jr - arith, 1995 - computer.org
... Table 1 gives area and delay estimates for the variable-precision, **interval** arithmetic coprocessor
(VPIAC ... is 27.8 ns; 14.0 ns for partial product reduction and 13.8 ns for carry-**lookahead** addition. ...
file, a 106-bit normalizer, a 106-bit shifter, an 11-bit exponent add/**subtract** unit, and ...
Cited by 26 - Related articles - All 8 versions

Lookahead I/O device control subsystem
EJ Pinheiro - US Patent 4,517,641, 1985 - Google Patents
... 2, TIME 3 t ,"<- * 111 DIVIDE COUNT BY CONSTANT" ,113 ADD TO CURRENT TIME **SUBTRACT**
NEW CYLINDER ... 4,517,641 **LOOKAHEAD** I/O DEVICE CONTROL SUBSYSTEM TECHNICAL
FIELD This invention relates to an I/O device ... An **interval** of time can be measured ...
Cited by 13 - Related articles - All 3 versions

A software interface and hardware design for variable-precision **interval** arithmetic
MJ Schulte, EE Swartzlander - Reliable Computing, 1995 - Springer
... 325-342 A software interface and hardware design for variable-precision **interval** arithmetic
MICHAEL J. SCHULTE and EARL E. SWARTZLANDER t JR. This paper presents a software
interface and hardware design for variable-precision, **interval** arithmetic. ...
Cited by 10 - Related articles

[CITATION] Cascaded Implementation of an Iterative Inverse—Square—Root Algorithm, with
Overflow **Lookahead**
RL Nelson Jr - Proceedings of the 12th Symposium on ..., 1995 - IEEE Computer Society
Related articles

[PDF] A coprocessor for accurate and reliable numerical computations
MJ Schulte, EE Swartzlander Jr - Proceedings of the 1995 ..., 1995 - mesa.ece.wisc.edu
... of 34.6 ns; 18.0 ns for partial product reduction and 16.6 ns for carry **look-ahead** addition ... for the
VPIAC Component Area (mm2) Delay(ns) Multiplier 15.2 27.8 Carry-**lookahead** adder 2.1 ...
accumulator 13.0 7.0 Shifter 3.9 8.2 Operand selector 4.1 3.5 Exponent add/**subtract** 0.6 4.4 ...
Related articles - All 5 versions

Stable row recurrences for the Pade table and generically superfast **lookahead** solvers for non-Hermitian Toeplitz systems

MH Gutknecht - Linear Algebra and its Applications, 1993 - Elsevier
... roots and divisions, one could instead keep the sum of the squared norms in the **interval** [2, 2 ...
most steps have just length 1, so that the necessity for a few longer **lookahead** steps in the ... Multiply
both equations in (3.1) by U and **subtract** the corresponding ones with (u, v) and (ii, v ...
Cited by 51 - Related articles - BL Direct - All 4 versions

[CITATION] Improving digital computer performance using residue number theory
RD Merrill - IEEE Transactions on Electronic Computers, 1964
Cited by 9 - Related articles

[CITATION] Efficient processor allocation for 3D tori
W Qiao, LM Ni - Parallel Processing Symposium, 1995. Proceedings., ..., 1995
Cited by 27 - Related articles - All 11 versions

[CITATION] Application-based requirements for data linked winds aloft
GG Nelson - IEEE/AIAA/NASA 9th Digital Avionics Systems ..., 1990
All 2 versions

A versatile stochastic model of a function of unknown and time varying form

HJ Kushner - Journal of Mathematical Analysis and Applications, 1962 - Elsevier
... STOCHASTIC MODEL OF AN UNKNOWN FUNCTION 157 But loiMoo = tt = (1) fc + ft+i. smce
t linear in (in the **interval** [t, ti ... For ji, **subtract** the (j + l)st from the jth equation ... A natural alternative
is to use procedures that **look ahead** only the distance that can be conveniently handled ...
Cited by 27 - Related articles

MULTI-COMPUTER SYSTEM INCLUDING MULTIPLEXED MEMORIES. **LOOKAHEAD**, AND ADDRESS INTERLEAVING FEATURES

CE Stephens - US Patent RE26,087, 1966 - Google Patents
... **LOOKAHEAD**, AND ADDRESS INTERLEAVING FEATURES Original Filed Deo. ... 26,087
MULTI-COMPUTER SYSTEM'INCLUDING MULTIPLEXED MEMORIES, **LOOKAHEAD**,
AND ADDRESS INTERLEAVING FEATURES Original Filed D«c. 30. ...

The IBM system/360 model 91: Floating-point execution unit

SF Anderson, JG Earle, RE Goldschmidt, ... - IBM Journal of ..., 1967 - portal.acm.org
... RR-RX **Subtract** Normalized (S/L) YES U, E, LS ADD RR-RX **Subtract** Unnormalized (S/L) YES
E, LS ADD ... However, delay is never equal; skew is always present and the **interval** between
input signals must be greater than the total skew of the logic section. ...
Cited by 166 - Related articles - All 12 versions

[CITATION] A Note on Base–2 Arithmetic Logic
CK Yuen - IEEE Transactions on Computers, 1975
Cited by 15 - Related articles - All 3 versions

Computer diagnosis of electrocardiograms. II. A computer program for EKG measurements

RE Bonner, HD Schwetman - Computers and Biomedical Research, 1968 - Elsevier
... add 0.3 if the first point of the segment is not the last of the QRS, and **subtract** 0.3 if ... all the segments
in the **interval** is negative, it is assumed the P or T is unobtainable in this **interval**. ... Test 11
(**look-ahead**) is not used, a new set of constants is required which are different for P and ...
Cited by 53 - Related articles - All 3 versions

[CITATION] Computer Simulation of the Performance of Digital-Displacement Pump-Motors
WHS Rampen, SH Salter - ... power systems and ..., 1996 - Amer Society of Mechanical

Related articles - All 2 versions

[CITATION] A 20 bit logarithmic number system processor
FJ Taylor, R Gill, J Joseph, J Radke - IEEE Transactions on Computers, 1988
Cited by 85 - Related articles - All 7 versions

[PDF] Multiprocessors For Evaluating Compound Arithmetic Functions
K Hwang, Z Xu - i> Proc. 7th Symp. Comput. Arithmetic</i, 1985 - acsel-lab.com
... to realize a Complex Divide, we need to coordinate the multiply, add, **subtract**, and divide ... the
Baugh-Wooley multiplier [1], the only significant hardware increase is the carry-**lookahead** adder
being ... and a logic operation x\f(y/\z). Complex divide and **interval** multiply operations ...
Cited by 5 - Related articles - All 3 versions

Principle of operation and properties of a transversal digital filter
H Koeman - Nuclear Instruments and Methods, 1975 - Elsevier
... 4. The redundant bits are added afterwards in a high speed adder using full carry-**look-ahead**. ...
INPUT SIGNAL (DELAYED) A ! " **SUBTRACT** 0 I-Lnn nn nm rJ_n ADD i I RESET ... 5). The samples
corresponding to the base line **interval** T are subtracted sequentially from the content ...
Cited by 8 - Related articles - All 3 versions

[CITATION] Single-wafer cluster tool performance: An analysis of throughput
TL Perkinson, PK McLarty, RS Gyurcsik, RK Cavin III - IEEE Transactions on ..., 1994
Cited by 88 - Related articles - BL Direct - All 3 versions

The use of semi-recursive polynomials in the design of numerical filters
CB Stallings - Proceedings of the November 7-10, 1966, fall joint ..., 1966 - portal.acm.org
... the value X(t + M At) represents some type of average of two (or more) points in the unsmoothed
"**look-ahead**" region. ... discussed here is determined by the size of the parameter, M, and the size
of the sampling **interval**, A t ... (1) to obtain the time series e x . Then we **subtract** e± from ...

[CITATION] A new VLSI vector arithmetic coprocessor for the PC
C Baumhof - Computer Arithmetic, 1995., Proceedings of the 12th ..., 1995
Cited by 10 - Related articles - All 5 versions

[PDF] The real numbers in Z
WR Oliveira, RSM Barros - Workshop, Ilkley, 1997 - bcs.org
... work is not aimed at exact real number computation but to approximate real computation via
interval computation ... There is no bound in the input **look ahead** and one property of a computable
process is that ... P,1 i=n ai bi Observe that the negative digits **subtract** from the total value ...
Cited by 7 - Related articles - View as HTML - All 5 versions

[PDF] Sequence detection on run-length-limited codes
JJ Moon, LR Carley - Proc. 23rd Asilomar Conf. Signals ..., 1989 - www.cdslab.ece.umn.edu
... the possible overflow problem is to find the average of the mêmes and **subtract** it from ... Since path
histories need not be stored and rearranged in each symbol **interval** as in the VA, no ... It can be
shown to be the smallest Euclidean distance between any two **look-ahead** paths that ...
Cited by 6 - Related articles - All 4 versions

TCP dynamic acknowledgment delay (extended abstract): theory and practice
DR Dooly, SA Goldman, SD Scott - Proceedings of the thirtieth ..., 1998 - portal.acm.org
... Thus the difference between this choice oft and the choice oft in greedy1 is that in Equation 1
we **subtract** the average ... Theorem 6 Even with no **look-ahead**, Cgrfedy2 5 2&e. ... ion of t, the fist
k - 1 of these intervals each has total latency cost exactly q and the final **interval** has total ...
Cited by 32 - Related articles - All 16 versions

Adaptive enhancement of signal-to-noise ratio in television imagery
CI. May - US Patent 4,303,943, 1981 - Google Patents
... register 28 provides a **look ahead** of one sample while analog-to-digital converter 28 provides
a **look ahead** of two ... Transfer oc- curs once each clock **interval**. ... This sample is applied to two
subtract circuits, 134 and 136, which derive the difference between the sample and the 10 ...
Cited by 7 - Related articles - All 2 versions

Path contriving system for **look-ahead** sensor in a robotic control system
JD Taft - US Patent 4,843,287, 1989 - Google Patents
... 27, 1989 [54] PATH CONTRIVING SYSTEM FOR **LOOK-AHEAD** SENSOR IN A
ROBOTIC CONTROL SYSTEM [75] Inventor: Jeffrey D. Taft, Plum Boro, Pa. ... As a
result, the **look-ahead** sensor is constantly brought back on track. ...
Cited by 10 - Related articles - All 3 versions

Implementing a finite-domain CLP-language on top of Prolog: a transformational approach
H Vandecasteele, D De Schreye - Logic Programming and Automated ..., 1994 - Springer
... The level of checking ranges from backward checking, forward checking, **look-ahead** to several
versions of ... For both constraints in the program we want **lookahead** pruning, but not checking
on the ... are going to reason on the bounds of the domains, add and **subtract** domains we ...
Cited by 11 - Related articles - BL Direct - All 4 versions

[CITATION] Design and implementation of a floating-point quasi-systolic general purpose CORDIC
rotator for high-rate parallel data and signal processing
AAJ de Lange, EF Deprettere - 10th IEEE Symposium on Computer Arithmetic, 1991. ..., 1991
Cited by 11 - Related articles - All 4 versions

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